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VIROLOGY WEEKLY REPORT

2011/6 18 February 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 07/02/2011 - 13/02/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H1N1 swl			1			1
Influenza A H3N2					1	1
Mycoplasma Pneumoniae					2	2
Parainfluenza 3					1	1
Rhinovirus					4	4
Rotavirus	2				5	7
Varicella Zoster Virus (VZV)		9		1	7	17
Adenovirus	2	2	7			11
Enterovirus	3		9			12
Measles	4			1	2	7

This week, Middlemore hospital reported 1 Influenza B and 1 Respiratory Syncytial Virus infection.

TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Adenovirus	Type 1	Seq	CA	Bronchial washings	06.1.2011	19 Y/M	
Adenovirus	Type 2	Seq	CA	NPA	20.1.2011	3Y/M	
Adenovirus	Type 3	Seq	CB	Eye	15.1.2011	36Y/M	
Adenovirus	Type 3	Seq	CB	Eye	12.1.2011	39 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	18.1.2011	5 Y/M	
Adenovirus	Type 3	Seq	CA	Sputum	10.1.2011	51 Y/F	
Adenovirus	Type 3	Seq	SA	NPA	09.12.2010	4 Y/M	
Adenovirus	Type 3	Seq	WK	Throat	05.1.2011	6 Y/F	? Scarlet fever
Adenovirus	Type 4	Seq	CB	Eye		18 Y/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	CB	Faeces	17.11.2010	12 D/-	
Enterovirus	Echovirus type 9	Seq	CB	Faeces	10.1.2011	6 D/F	
Enterovirus	Echovirus type 9	Seq	CB	Throat	18.12.2010	14 Y/F	
Enterovirus	Echovirus type 30	Seq	CB	Throat	24.12.2010	19 Y/F	
Measles		IgM	CB	Serum	10.2.2011	14 Y/F	Unwell 6 days, rash
Measles		PCR	CA	Throat Swab	07.2.2011	4 M/F	
Measles		PCR	WN	NPS	07.2.2011	16 Y/F	exposure on bus 3/52 ago, no coryza, sore throat, high fever, rash
Measles		IgM	CB	Serum	05.2.2011	24 Y/F	Not immunised, runny nose, rash, cough and fever
Measles	Genotype D9	PCR	CA	Throat Swab	25.1.2011	12 Y/M	Exposed to measles in flight, fever and rash
Measles	Genotype D9	PCR	CA	Throat Swab	25.1.2011	5 Y/M	Exposed to measles in flight
Measles	Genotype D9	PCR	CA	Throat Swab	09.2.2011	5 M/F	Contact of confirmed measles now symptomatic
Measles	Genotype D9	PCR	CA	Not specified	28.1.2011	15 Y/M	
Measles		PCR	CA	Throat Swab	07.2.2011	5M/F	Measles contact
Measles		PCR	CA	Throat Swab	09.2.2011	10 Y/F	
Measles		PCR	CA	Throat Swab	10.2.2011	6 Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

PCR Polymerase Chain Reaction
 NPS Nasopharyngeal Swab
 IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate
 Seq PCR sequencing

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and Middlemore Hospital and ESR.

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group
Institute of Environmental Science & Research Limited
 ESR NCBIID - Wallaceville
 66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand
 Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

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